

**AMENDMENTS TO THE CLAIMS**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for loading software on a plurality of processors in a heterogeneous processor environment, said method comprising:  
executing a program on a first processor;  
in response to executing the program, loading a runtime loader onto the first processor;  
using the runtime loader loaded on the first processor to retrieve an executable file; retrieving a file using a first processor;  
using the runtime loader to extract ~~extracting~~ a processor identifier from the executable file, the processor identifier corresponding to the file;  
determining, using the runtime loader, whether to load the executable file on a second processor based upon whether the processor identifier corresponds to the second processor; and  
using the runtime loader to load ~~loading~~ the executable file ~~from the first processor~~ onto the second processor in response to determining that the processor identifier corresponds to the second processor, ~~the determination.~~
2. (Canceled)
3. (Canceled)
4. (Currently Amended) The method as described in claim [[3]] 1 further comprising:

sending a plug-in to the second processor using the first processor, the plug-in corresponding to the executable file;

sending data to the second processor using the first processor, the data corresponding to the plug-in; and

processing the data with the plug-in using the second processor.

5. (Currently Amended) The method as described in claim [[3]] 1 further comprising:

retrieving a plug-in using the second processor, the plug-in corresponding to the executable file;

retrieving data using the second processor, the data corresponding to the plug-in; and

processing the data with the plug-in using the second processor.

6. (Currently Amended) The method as described in claim [[3]] 1 wherein the executable file is in a file format, and wherein the file format is selected from the group consisting of an Executable and Linking format, an Extended Common Object File format, and a Portable Executable Common Object File format.

7. (Currently Amended) The method as described in claim 1 wherein the processor identifier is a machine type, the determining further comprising:

extracting the machine type from the executable file; and

comparing the machine type to a plurality of machine types.

8. (Currently Amended) The method as described in claim 1 wherein the executable file is part of a combined file, and wherein the processor type corresponds to one or more section headers from a plurality of section headers.

9. (Currently Amended) The method as described in claim 1 wherein the executable file is part of a combined file, and wherein the combined file includes one or more processor identifiers that correspond to the first processor.
10. (Original) The method as described in claim 1 wherein the first processor is a processing unit and wherein the second processor is a synergistic processing unit.
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
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- 24. (Canceled)
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- 28. (Canceled)
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- 30. (Canceled)